



PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/642,248

Filing Date

08/15/2003

First Named Inventor

Paul L. DeAngelis

Art Unit

1656

Examiner Name

N. Nashed

Attorney Docket Number

35542.097

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation of POA, Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<b>Remarks</b>	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	1. Transmittal Form (1 page);	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	2. Credit Card Payment Form (1 page);	
	3. Corrected Drawings (14 sheets);	
	4. Statement Accompanying Corrected Drawings (2 pages);	
	5. Copy of the Notice Regarding Drawings (2 pages);	
	6. Issue/Publication Fee Transmittal - PTO-85B (in duplicate) (1 page); and	
	7. Postcard.	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	DUNLAP, CODDING & ROGERS, P.C.		
Signature			
Printed name	Kathryn L. Hester, Ph.D.		
Date	01/16/2007	Reg. No.	46,768

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: \*\*\* SENT BY EXPRESS MAIL NO. EV 767821673 US, DATED 01/16/2007\*\*\*

Signature			
Typed or printed name	Kathryn L. Hester, Ph.D.	Date	01/16/2007


This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**EXPRESS MAIL NO.: EV 767821673 US**  
**DATE DEPOSITED: JANUARY 16, 2007**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Paul L. DeAngelis ) Atty Dkt No: 35542.097  
Serial No: 10/642,248 ) Examiner: N. Nashed  
Filed: August 15, 2003 ) Art Unit: 1656  
Customer No.: 30589 ) Confirmation No.: 1560

For: TARGETED GLYCOSAMINOGLYCAN POLYMERS BY POLYMER GRAFTING AND  
METHODS OF MAKING AND USING SAME

Mail Stop - Issue Fee  
Commissioner for Patents  
Post Office Box 1450  
Alexandria, Virginia 22313-1450

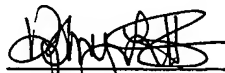
**STATEMENT ACCOMPANYING CORRECTED DRAWINGS  
REQUIRED BY NOTICE OF ALLOWABILITY MAILED 11/14/2006**

Applicant respectfully submits that the corrected drawings filed on September 5, 2006, which contained black and white photographs of electrophoresis gels, were acceptable drawings in compliance with 37 C.F.R. 1.121(d). These drawings clearly showed the features described in the Specification in varying shades of black, white and grey. However, when the Patent Office scanned in these drawings, no attention was paid to this detail, and the drawings present in the Image File Wrapper in PAIR contain solid black boxes rather than the black and white photographs. Applicants' representative would welcome the opportunity to send a faxed copy of these drawings upon request so the Office can be made aware of this problem.

However, to expedite issuance of a patent from the subject application, submitted herewith is a second set of corrected drawings. Such drawings have been further modified to provide a white or very light grey background with black electrophoresis bands. Applicants respectfully submit that these corrected drawings are in full compliance with 37 C.F.R. 1.121(d), and that such submission is a complete response to the Requirements of the Notice of Allowability mailed November 14, 2006.

Should the corrected drawings still be unacceptable to the Office, Applicants' representative respectfully requests she be immediately contacted at the number(s) below.

Respectfully submitted,



---

Kathryn L. Hester, Ph.D., Reg. No. 46,768  
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Dunlap, Coddling & Rogers, P.C.  
Post Office Box 16370  
Oklahoma City, Oklahoma 73113  
(405) 607-8600 - Telephone  
(405) 607-8686 - Telefax

Agent for Applicants



# Notice of Allowability

Application No.

10/642,248

Examiner

Nashaat T. Nashed, Ph. D.

Applicant(s)

DEANGELIS ET AL.

Art Unit

1656

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/27/06.
2. ☒ The allowed claim(s) is/are 1-10, 13, 15-19, 23-26, 29-36, 74, 75, 77, 78, 81, 83-87, 91-100, 110 and 112-115.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|  | 9. <input type="checkbox"/> Other _____   |

The application has been amended as requested in the communication filed September 5, 2006 and September 27, 2006. Accordingly, claims 1-3, 6, 13, 15, 25, 77, 81, and 114 have been amended; new claim 115 has been added, and claims 11, 12, 20-22, 27-28, 37-73, 76, 79, 80, 82, 88-90, and 101-111 have been canceled.

The terminal disclaimer filed on September 5, 2006 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of U. S. patents 6,444,447 and 7,060,469 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Claims 1-10, 13, 15-19, 23-26, 29-36, 74, 75, 77, 78, 81, 83-87, 91-100, and 112-115 are pending and under consideration.

New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because Figures 20, 21, 26, 27, 28, 29, and 34 do not show the features described in the Figure description. In fact all of them can't be comprehended. The examiner recognizes the difficulties of obtaining good pictures for gels. A drawing of the gel showing the various bands of the gels would be acceptable with an amendment to the figure description indicating that the figure represents relative position of the different bands. Applicant is advised to employ the services of a competent patent draftsperson outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

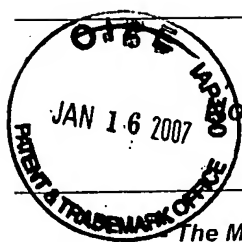
An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kathryn L. Hester on October 16, 2006.

The application has been amended as follows:

In claim 1 (i) Line 5, delete "[,]"; and, (ii) in part (e), line two, delete ----[a]--- between "to" and "the".

Claim 4 The method of claim 1 wherein, in the step of providing at least one functional acceptor, the functional acceptor is a hyaluronic acid (HA) oligosaccharide having between about three sugar units and oligosaccharide polymer having molecular weight of about 4.2 kDa.



# Notice of Allowability

Application No.	Applicant(s)	
10/642,248	DEANGELIS ET AL.	
Examiner	Art Unit	
Nashaat T. Nashed, Ph. D.	1656	

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Art Unit: 1656

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